

## **River Herring Extinction Risk Analysis Workshop Goals and Agenda**

July 10, 2012 9am-4pm

*Environmental Protection Agency offices, 5 Post Office Square, Boston, MA*

### **Goals and objectives:**

An extinction risk analysis (ERA) can be used to help summarize the status of a species. The ERA Workshop will review and discuss the background on the alewife (*Alosa pseudoharengus*) and blueback herring (*Alosa aestivalis*) petition, collectively referred to as river herring; discussions from the Stock Structure Workshop; available data sets and models; and types of ERAs that have been used for other status reviews and listing determinations. Following the workshop, the invited panel participants will gather as an ERA working group and will review data and analysis on river herring, determine models that could be used to develop an ERA, and run varying model projections. The ERA working group will present options for models and potential projection scenarios, and their individual expert opinions will be compiled in a report. A workshop summary will be produced and a report on the working group discussions will be compiled and independently peer reviewed, and will be used to help inform the listing determination for the species.

### **Invited Expert Participant Selection Criteria:**

Invited panel participants were identified based on their working knowledge and recent experience with one or all of the following: 1) expertise in extinction risk analysis and/or population modeling; and/or 2) expertise in fisheries population dynamics, stock assessments and life history of anadromous species; and/or 3) advanced working knowledge of and recent experience developing and running population models with the available river herring data.

#### **Working Group Invited Expert Participants:**

- John Sweka – U.S. Fish and Wildlife Service
- Michael Bailey – U.S. Fish and Wildlife Service
- Katie Drew – ASMFC
- Gary Nelson – MA DMF
- Matt Cieri – ME DMR
- Kiersten Curti – NEFSC, Population Dynamics

#### **Additional Presenter(s):**

- Marta Nammack - NMFS

#### **NMFS Working Group Participants:**

- Kim Damon-Randall – Protected Resources Division (PRD)
- Sarah Laporte - PRD
- Diane Borggaard - PRD

#### **Facilitators for the Workshop:**

- Elissa Tonkin – EPA
- Jackie LeClair - EPA

#### **Notetakers**

- Edith Carson – NMFS
- Nathan Marguson – EPA

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### **Day 1 – River Herring Extinction Risk Workshop (*open/public*), July 10, 2012**

9am	Welcome, Logistics, and Introductions (E. Tonkin)
9:20am	Background on the river herring petition and listing process (K. Damon-Randall)
9:45am	Overview on Stock Structure Workshop data/discussions (M. Cieri)
10:10am	Break
10:25am	Overview of available data sets/models (K. Drew)
11:15am	Overview on ASMFC stock assessment (J.Sweka)
12pm	Lunch on your own
1:15pm	Overview of varying ERAs (M. Nammack)
1:40pm	Panel presentations and discussions on potential ERA models (J. Sweka, M. Bailey, K. Drew, G. Nelson, M. Cieri, K. Curti)
3pm	Break
3:10pm	Public contributions to ERA discussions
3:50-4pm	Final questions and closing remarks